

# Product datasheet

Specifications



## Miniature circuit breaker (MCB), Acti9 C60PV-DC, 2P, 13A, B curve, 1.5kA (IEC/EN 60947-2)

A9N61658

### Main

|                           |   |
|---------------------------|---|
| Range of product          | C60                                     |
| Product or component type | Miniature circuit-breaker               |
| Device short name         | C60PV-DC                                |
| Poles description         | 2P                                      |
| Number of protected poles | 2                                       |
| Network type              | DC                                      |
| Curve code                | B                                       |
| Utilisation category      | Category A conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2        |

### Complementary

|  |  |
|--|--|
| [In] rated current                     | 13 A   |
| Voltage Drop                           | 572 mV 44 mOhm 7.4 W 13 A                        |
| [Ue] rated operational voltage         | 800 V DC   |
| Magnetic tripping limit                | 5.5 x In   |
| Breaking capacity                      | 3 kA Icu at 650 V DC<br>1.5 kA Icu at 800 V DC   |
| [Ics] rated service breaking capacity  | 1.5 kA 100 % - 800 V DC<br>3 kA 100 % - 650 V DC |
| [Ui] rated insulation voltage          | 1000 V DC  |
| [Uimp] rated impulse withstand voltage | 6 kV   |
| Polarity sensitivity                   | No (can protect against bi-directional current)  |
| Contact position indicator             | Yes  |
| Control type                           | Toggle   |
| Mounting mode                          | Fixed  |
| Mounting support                       | 35 mm symmetrical DIN rail                       |
| 9 mm pitches                           | 8  |
| Height                                 | 132.7 mm   |
| Width                                  | 72 mm  |
| Depth                                  | 77.4 mm  |
| Net weight                             | 0.545 kg   |
| Colour                                 | White  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                    |   |
|------------------------------------|---|
| <b>Mechanical durability</b>       | 20000 cycles  |
| <b>Electrical durability</b>       | 1500 cycles L/R = 2 ms  |
| <b>Locking options description</b> | Padlocking in OFF position  |
| <b>Connections - terminals</b>     | Tunnel terminal (downside) 1...25 mm <sup>2</sup> rigid<br>Tunnel terminal (downside) 1...16 mm <sup>2</sup> flexible<br>Pre-wired cable (upside) |
| <b>Wire stripping length</b>       | 14 mm   |
| <b>Tightening torque</b>           | 2.5 N.m   |
| <b>Market segment</b>              | Small commercial<br>Residential   |
| <b>Compatibility code</b>          | C60PV-DC  |

## Environment

|  |                |
|--|----------------|
| <b>Standards</b>                             | EN/IEC 60947-2 |
| <b>Pollution degree</b>                      | 2              |
| <b>Relative humidity</b>                     | 95 % at 55 °C  |
| <b>Ambient air temperature for operation</b> | -25...70 °C    |
| <b>Ambient air temperature for storage</b>   | -40...85 °C    |

## Packing Units

|                                     |            |
|-------------------------------------|------------|
| <b>Unit Type of Package 1</b>       | PCE        |
| <b>Number of Units in Package 1</b> | 1          |
| <b>Package 1 Height</b>             | 8.500 cm   |
| <b>Package 1 Width</b>              | 7.500 cm   |
| <b>Package 1 Length</b>             | 13.500 cm  |
| <b>Package 1 Weight</b>             | 523.000 g  |
| <b>Unit Type of Package 2</b>       | S03        |
| <b>Number of Units in Package 2</b> | 30         |
| <b>Package 2 Height</b>             | 30.000 cm  |
| <b>Package 2 Width</b>              | 30.000 cm  |
| <b>Package 2 Length</b>             | 40.000 cm  |
| <b>Package 2 Weight</b>             | 16.318 kg  |
| <b>Unit Type of Package 3</b>       | P06        |
| <b>Number of Units in Package 3</b> | 240        |
| <b>Package 3 Height</b>             | 75.000 cm  |
| <b>Package 3 Width</b>              | 60.000 cm  |
| <b>Package 3 Length</b>             | 80.000 cm  |
| <b>Package 3 Weight</b>             | 140.544 kg |

## Contractual warranty

|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 18 |
|-----------------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|  |   |
|--|---|
| Total lifecycle Carbon footprint                       | 45 kg CO2 eq.                                 |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |
| Carbon footprint of the manufacturing phase [A1 to A3] | 4 kg CO2 eq.                                  |
| Carbon footprint of the distribution phase [A4]        | 0.1 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 40 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 1 kg CO2 eq.                                  |

### Use Better



### Materials and Substances

|  |   |
|--|---|
| Packaging made with recycled cardboard | Yes                                       |
| Packaging without single use plastic   | No  |
| SCIP Number                            | A5974528-db7a-4dab-baff-e3d40953a6f2      |
| Halogen-free status                    | Product contains halogen above thresholds |

### Use Longer




### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

### Use Again



### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| Recyclability potential, in %   | 53  |
| End of life manual availability | No need of specific recycling operations  |
| Take-back                       | No  |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |